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February 27, 2004

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Alexandria, VA 22313-1450

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Art Unit 1648

Re: U.S. Utility Patent Application
Appl. No. 10/622,064; Filed: July 18, 2003
For: **Hapten-Carrier Conjugates and Uses Thereof**
Inventors: Bachmann *et al.*
Our Ref: 1700.0300001/BJD/SJE

Sir:

Transmitted herewith for appropriate action are the following documents:


1. Third Supplemental Information Disclosure Statement;
2. Form PTO-1449 (2 sheets citing 6 documents);
3. 6 documents cited in Form PTO-1449 (attached); and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Brian J. Del Buono
Attorney for Applicants
Registration No. 42,473

EEF/SJE/lam
Enclosures

234552.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bachmann *et al.*

Appl. No.: 10/622,064

Filed: July 18, 2003

For: **Hapten-Carrier Conjugates and
Uses Thereof**

Confirmation No.: 5977

Art Unit: 1648

Examiner: Mosher, Mary

Atty. Docket: 1700.0300001/BJD/SJE

Third Supplemental Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Third Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Second Supplemental Information Disclosure Statement filed on December 5, 2003 in connection with the above-captioned application.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

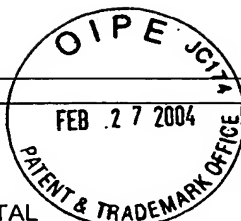
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Date: February 27, 2004

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FORM PTO-1449

THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1700.0300001/BJD/SJEAPPLICATION NO.
10/622,064FIRST NAMED INVENTOR
Martin F. BachmannFILING DATE
July 18, 2003ART UNIT
1648

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
	AL						No
	AM						Yes
							No
	AN						Yes
							No
	AO						Yes
							No
	AP9	WO 99/40934 A	08/19/1999	WIPO			Yes
							No

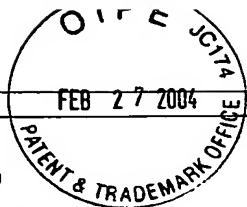
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>146</u>	International Search Report for International Application No. PCT/EP03/07850, mailed November 11, 2003, International Search Authority, European Patent Office, The Netherlands.
	AS	<u>146</u>	Curtiss, L. K., <i>et al.</i> , "The relative immunodominance of haptenic determinants on a complex hapten phage conjugate," <i>Immunochemistry</i> 12:949-957, Pergamon Press, Great Britain (December 1975).
	AT	<u>146</u>	Lechner, F., <i>et al.</i> , "Virus-like particles as a modular system for novel vaccines," <i>Intervirology</i> 45:212-217, S. Karger AG, Basel (July-December 2002).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		Page 2 of 2	
		ATTY. DOCKET NO. 1700.0300001/BJD/SJE	APPLICATION NO. 10/622,064
		FIRST NAMED INVENTOR Martin F. Bachmann	
		FILING DATE July 18, 2003	ART UNIT 1648

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL10	WO 92/13081A	08/06/1992	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>147</u>	Pumpens, P., et al., "Evaluation of HBs, HBc, and frCP virus-like particles for expression of human papillomavirus 16 E7 oncoprotein epitopes," <i>Intervirology</i> 45:24-32, S. Karger AG, Basel (January 2002).	
AS			
AT			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	